



The Raleigh Amateur Radio Society's **EXCITER**

GET INVOLVED

- RARS General Membership meeting: Second Tuesday of the month.
- The RARS net meets every night except Saturday @ 8 p.m. on 146.640.
- The RARS Technical & Trader's net: Saturdays @ 8:00 p.m. in place of the RARS net.
- RARS meets for a monthly dinner on the First Tuesday of each month.

2014 PUBLIC SERVICE EVENTS

MS Ice Cream Ride: June 21
 Firecracker 50/100K: July 4
 Velo4Yellow: July 19
 Cup 'n' Cone Tour: July 26
 Tour D'Orange: Aug. 2
 Bikefest: 2014: Aug. 9
 Blue Ridge Breakaway: Aug. 16
 Bike MS New Bern: Sep. 6-7
 Aptalis CF Cycle for Life: Oct. 11
 PPD Beach 2 Battleship Triathlon: Oct. 25

Interested in helping? Visit <http://www.rars.org/public-service.php> for more information.

RARS General Meeting

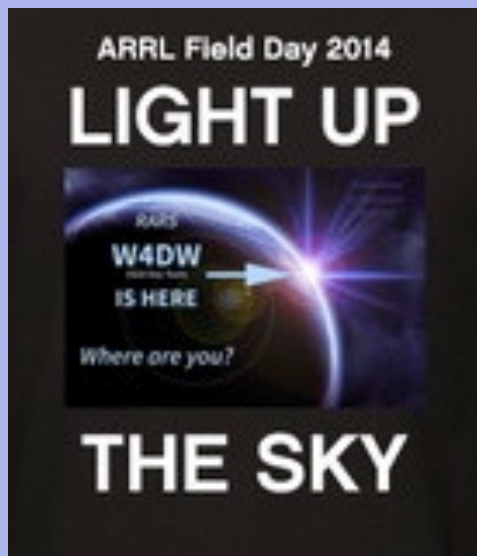
Topic: "Field Day 2014" -- Click [here](#) to see a short video that will be shown at the meeting.

Date: Tuesday, June 10, 2014

Time: Meeting at 7:30 p.m.

Informal gathering and refreshments from 7-7:30

Where: Ridge Road Baptist Church, 2011 Ridge Rd., Raleigh



Join Us for Field Day 2014!

June 27-29, 2014

4501 Friendship Road,
Apex, N.C.

For all the details, click [here](#).

Renew Your Membership!

By Greg Seamster, KE4PAX, RARS Treasurer

Please continue to support RARS' initiatives of Public Service, Education, and Radio Communications. One of the ways to do this is by renewing your RARS membership. The membership year is July 1-June 30, so it's time to renew!

You can view your membership status and update your data by accessing the [Membership Roster](#) via the [Members Only page](#) at <http://www.rars.org/only.php>.

See **Renew Now**, p. 4

RARS Officers

PRESIDENT

Candy Orr
NC4CJ
919.217.7734
cjorr@bellsouth.net

VICE PRESIDENT

Tom Lewis
N4TL
n4tl@arrrl.net

SECRETARY

Bob Chew
KI4YXM
919.782.5778
rlchew@mindspring.com

TREASURER

Greg Seamster
KE4PAX
919.859.0029
ke4pax@arrrl.net



The Raleigh Amateur Radio Society

The Raleigh Amateur Radio Society, Inc. (RARS) was founded in 1969 and continues to serve and support the amateur radio community in the greater Triangle area. In 1999, the society incorporated a new RARS and obtained 501(c)(3) non-profit tax status.

The objectives of the club are to promote worldwide friendship through amateur radio; to be of public service by providing radio communications in times of disaster, emergency, or civic needs; to educate members in radio technique, and to provide training classes to assist in obtaining amateur radio licenses.

Anyone interested in amateur radio is eligible to apply for membership. Dues for regular licensed amateurs are \$18 per year (from July 1 through June 30). Additional immediate family members pay \$5 each per year. Dues for licensed amateurs older than 59 or younger than 16 are \$12 per year. Dues for non-licensed associate members are \$9 per year. Applications for membership may be obtained from the treasurer or on the RARS website (www.rars.org).



Exciter

The *Exciter* is the official newsletter of the Raleigh Amateur Radio Society. It appears each month as a PDF on the RARS website at www.rars.org. Members receive email notification when the latest version is available. Please provide your email address to the Treasurer.

The *Exciter* welcomes articles, advertisements, and other contributions. To submit a piece to the newsletter, please contact the Editor. The Editor reserves the right to edit any and all pieces. The submission deadline for each month's *Exciter* is the third Friday of the preceding month. All submissions must be final. Drafts are not accepted.

The views expressed in the *Exciter* are those of the individual authors and do not necessarily reflect the views of the Editor or RARS.

Cathy Downs, KA3QPU, editor (editor@rars.org)

For Your Information

RARS General Meeting

Date: **Second** Tuesday of each month

Location: Ridge Road Baptist Church

2011 Ridge Road
Raleigh, NC, 27607

Time: People begin arriving at 7 p.m.
The meeting officially begins at
7:30 p.m.

RARS Monthly Dinner

Join us on the **first** Tuesday of each month for the RARS dinner. It's open to everyone: RARS members, non-members, friends, and family. Feel free to bring your little ones! Dinner begins at 6:30 p.m.

Listen to the nightly RARS net and check www.rars.org for details on the next dinner's location.

RARS Repeaters in Raleigh

146.640 & 443.625 (88.5 PL)

Join us for the nightly RARS net at 8 p.m. on the 146.640 repeater. All hams holding a Technician class license or higher are invited to check in. We welcome both RARS and non-RARS members to the net.

VE Testing

The RARS VEs will accept walk-in testing in May, August and November (location to be announced); the RARSFest in April; the Cary Swapfest in July; the JARSFest in November; and following RARS license classes.

Please bring a photo ID, your current license, a copy of your current license, your \$14 exam fee, and any CSCEs you have for credit. Visit www.rars.org for more information.

Message from the President

Hello to all!

As you know, Field Day is a big deal for Amateur Radio operators. But how did it begin? What has changed, and what is the same?

I sent my fingers to Google "history field day amateur radio" and found an absolute gem of an [article written by Rol Anders, K3RA](#), and published in the 1999 December edition of QST. My thanks to Chuck Littlewood, K4HF, for ensuring that ARRL is pleased to make this link available. As you read this article, it becomes very apparent that Field Day has been shaped by history itself.

Everyone is invited! This is a family event...bring the grandparents, the kids, and the neighbor's kids to the rolling, pastoral fields that the Carrolls graciously share with us for this momentous event! You are invited to watch, learn to make a contact or jump in with both feet and make contacts until the event ends.

For more information, please visit the RARS.org website and click on the link in the bright yellow box at the top of the web page.

Thanks and we'll see you there!

CJ
RARS president

At the 1971 hamfest, held in Dorton Arena, Vic Clark (SK), W4KFC, Roanoke Division Director (and later ARRL President), pictured on left with Gene Robinson (SK), W4BBS, surprised Dave Langley, W4YDY, with the award for the *Raleigh Amateur Radio News* as the Outstanding Radio Club Journal. Dave was the first editor, from about June '69 to Dec. '74. Dave met Gene

and saw his amateur radio in 1945 when Dave was 10; he earned his license seven years later.



Renew Now, continued from p. 1

There are a number of ways to renew your membership:

- Pay your dues at a RARS meeting.
- Mail your dues to the RARS Treasurer at the following address:

RARS
c/o Greg Seamster
1405 Leanne Court
Raleigh, NC 27606

Note: A "Membership Form" is only needed if you are not able to update your data via the Internet.

The Membership Form can be downloaded in a PDF format at <http://www.rars.org/rars-app-writable.pdf>.

- Pay online at <http://www.rars.org/joinrars.php>. Online payments are made via PayPal and can be done with or without a PayPal account. If you do not have a PayPal account continue by selecting PayPal "Click Here to Pay", then select "Don't have a PayPal account?" to pay with a credit card.

Yearly membership rates:

Regular Dues	\$18
Reduced (12 or under, 60 or over)	\$12
Associate (not licensed)	\$9
Each additional family member	\$5

**You are welcome to renew for multiple years!*

Thanks! The initiatives of RARS cannot be done without you.

Logging Program Update

By Tom Lewis, N4TL, RARS Vice President

Here's an update for the computer logging presentation I did in January. A new version of the N1MM logging program was introduced at the Dayton Hamvention. For all the information about the many changes and enhancements, click [here](#) to visit the N1MM Logger website.

For those of you working the W1AW Centennial stations, Jim Reisert, AD1C, has written a program that will extract information from an ADIF file. Go to the above link and click on www.rars.org

New RARS Members

Albert Reynolds	N4AGG
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June Birthdays

Bob	K1RCB	06/01
Dan	AC8DH	06/01
Charles	KI4DCR	06/03
Dawn	KD4EVV	06/03
Lisa	KM4AMW	06/06
Sean	NC4ST	06/07
Rick	N4VQT	06/07
Raymond	KK4OOQ	06/08
David	W4OFO	06/10
Ben	KM4AMU	06/10
Charles	NZ0I	06/11
Chris	KK4UGX	06/14
Wade	KK4UGY	06/19
William	W4AK	06/21
Bobbie	KD4ZVW	06/22
Marian	K1MRB	06/24
Kelly	KD4EWG	06/24
Lanny	K1LEC	06/24
Bob	AH2X	06/27

2014 Hamfests & Conventions

Winston-Salem Classic Hamfest | June 7

Location: Winston-Salem, NC

Website: <http://www.w4nc.com>

29th Annual Firecracker Hamfest | July 12

Location: Salisbury, NC

Website: <http://www.rowanars.org>

Mid-Summer Swapfest | July 19

Location: Cary, NC

Website: <http://www.qsl.net/n4nc>

16th CFARS Swap Fest | Aug. 23

Location: Fayetteville, NC

Website: <http://www.cfarsnc.org/>

N.C. State Convention (Shelby Hamfest)| Aug. 30

Location: Shelby, NC

Website: <http://www.shelbyhamfest.org>

Software. Then click on W1AW Centennial QSOs to Spreadsheet, which will tell you about the program and how to use it. It worked fine for me!

Minutes

General Membership Meeting Raleigh Amateur Radio Society May 13, 2014

1. **Call to order:** Tom N4TL called the meeting to order at 7:34 p.m. There were 53 people in attendance
2. **Guests:** Tom N4TL introduced following guests. Jay KK4RCJ, Lorin Mueller, Robert W4MBD, Jimmie Crawford, Krishna W4VKU, Jay KK4RCJ, Robert W4MAD, Albert N4AGG and Lyn Avbasck.
3. **Approval of minutes:** The Minutes of the RARS General Membership meeting on April 8, 2014 were approved.
4. **Secretary's report (Bob K4YXM):** no report
5. **Treasurer's report (Greg KE4PAX):** Greg KE4PAX reported that. RARS has 348 members. Greg also reviewed our assets and summarized income and expenses to date. If anyone has any questions, please contact Greg KE4PAX or C.J. NC4CJ for further information. We have 18 new members as a result of complementary membership to people completing testing with the RARS VE group.
6. **Door Prizes:** Winners were Charlie WB4DCM and Roland K1LEC.
7. **Announcements:**
 - a. Upcoming RARS events and hamfests: C.J. NC4CJ reminded everyone to see the *Exciter* or the ARRL website for further information
8. **Reports from RARS Board members and others:**
 - a. **Public Service:** John AI4RT asked people to review the schedule on the RARS website and sign up for events.
 - b. **Field Day:** Bob K4TTX said the last day to order Tee shorts on May 17.
 - c. **Education:** Murray K4MHM Reviewed plans for upcoming General Class in July and an Extra Class in October followed by another Technician Class in November. He is working on establishing an "Elmers" list for new members.
9. **Any other business:** None.
10. **Program:** Kirsh W4VKU made a presentation on activating Lakshadweep Island in 2013.
11. **Adjournment:** The meeting was adjourned at approximately 9:04 p.m.

There was not a quorum at the May 20 board meeting. Minutes will be published once approved.

LOCAL AMATEUR RADIO NETS

The **Apex Emergency Response Communications Net** meets weekly each Sunday at 9 p.m. on the 146.640 repeater. The purpose of the net is to assist ham radio operators in preparing to respond to emergencies, test their equipment, improve operating skills, pass traffic, and to provide those with a common interest an opportunity to meet. The Apex ERC Net provides amateur radio emergency communications for The Church of Jesus Christ of Latter-Day Saints' disaster relief efforts. All stations are invited to participate in this net.

Please join us on the **Carolina 440 Net** every Monday night at 7:30 p.m. This ragchew net utilizes the Carolina 440 UHF Link Repeater System. Comprised of the Raleigh, Down East, and Coastal Wilmington link systems, there are currently 19 repeaters on the system, covering 21,168 square miles. For a list of these repeaters, please visit www.carolina440.net.

Please join us each Tuesday at 9:15 p.m. on the 146.880 repeater for the **Central Carolina SKYWARN** net. On each net there are announcements, check-ins by county, and often a program or training spot. Check us out at www.centralcarolinaskywarn.net.

The **Ham Public Service Net** meets every Wednesday at 7:30 p.m. and provides a forum and discussion platform for area clubs and individual hams to connect with and learn from other local hams who are interested in Ham Public Service. The HPSN is utilizing the Carolina 440 UHF Link System. The repeaters are also accessible through IRLP Reflector 9210, node 4270. The Ham Public Service North Carolina Yahoo Groups address is: www.groups.yahoo.com/group/hpsnc.

The **PCTN (Piedmont Costal Traffic Net)** meets daily at 9 p.m. on the 146.880 repeater. The purpose of the net is to handle/pass NTS formal messages. Amateur stations are encouraged to check in and participate. The backup repeater is the 147.105 (PL tone 82.5).

The **RARS Technical & Trader's Net** is held on Saturday evenings on the 146.640 repeater at 8:00 p.m.

Join us every evening, except Saturdays, at 8 p.m. on the 146.640 repeater for the **RARS Two-Meter Net**. You can give a ragchew, check in and out (this counts for our total numbers reported to the ARRL!), make announcements, and pass traffic. We also offer National Traffic System traffic training. All licensed stations are welcome to participate in the net as often as they can. This net is also a great way to learn about amateur radio if you are newly licensed!

The **VOIP Hurricane Net** is held Sundays at 00:00 UTC on the 146.775 repeater with a tone of 88.5 (IRLP node 4260). For information about activation details, go to www.voipwx.net.

The **Wake County AUXCOMM Training Net** meets Thursdays at 7:30 p.m. on the 146.88 repeater. This net provides amateur radio operators information and training related to emergency communications and for our served agencies, such as Wake County Emergency Management. Please join us. For more information please visit <http://wake.nc.auxcomm.us/>.



RARS Classifieds

RARS Members: [Post](#) a new 30 day listing or [Edit](#) your current listings at www.rars.org/classifieds.php. The items below were listed within the last 30 days.

ICOM V8000 2 Meter 75 Watt Mobile Transceiver

Posted June 5th, 2014

by: K4HF

Contact: k4hf@arrl.net

The V8000 is in excellent condition. Programmed with local frequencies. Mike and manual included. Asking \$145 - Contact me by E Mail, preferred or (919) 872-6555. Thanks, Chuck

Wouxun KG-UVD1P / 2meter-440 mhz HT

Posted May 30th, 2014

by: AJ4HK

Contact: aj4hk@hotmail.com

RADIOVHF - Wouxun KG-UVD1P 2mtr/440mhz

For sale Wouxun 2mtr/70cm HT. Comes with ant,xcvr,li-ion battery, Intelligent charger belt clip copy of manual. No box,Also have a Wouxun speaker mic, and wouxun cloning cable. All works very good.

Asking \$65.00 for all.

Dennis, aj4hk

919-526-2860

Two Dual Key Paddles, Brown Bros. and Wm. Nye Squeeze Paddle

Posted May 27th, 2014

by: K4HF

Contact: k4hf@arrl.net

These paddles are to be used with an external electronic keyer or used with a radio that has an internal electronic keyer. They are in excellent condition. Asking \$55 each. Contact me by E Mail, preferred, or (919) 872-6555.

Thanks, Chuck

2014 Meeting Topics

Field Day.....Jun. 10

Wireless Research Center & Antenna Design
Gerald Hayes, KE4QBT.....Jul 8

Email without the Internet - Winlink 2000
Frank Pleshe N3FRP.....Aug. 12

What is Electromagnetic Compatibility and Why is it Important?
Alan Knight AA4FU.....Sep. 9

Elections; Presentation TBD.....Nov. 11

Holiday Party.....Dec. 9

*Titles, topics, and speakers subject to change.
More information will be added throughout the year when it becomes available.*

Kenwood TM-281A 2 Meter Mobile Transceiver - 65 Watts

Posted May 27th, 2014

by: K4HF

Contact: k4hf@arrl.net

This radio is like new condition, with hand mike, manual and items that come new as part of the package. Programmed with the local frequencies. Asking \$130. Contact me by E Mail, preferred, or (919) 872-6555.

Thanks - Chuck

FOR SALE: Alpha 9500 amplifier

Posted May 12th, 2014

by: K4BYN

Contact: louisalexander@nc.rr.com

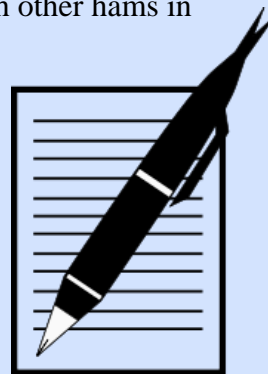
Alpha 9500 is a self-contained AUTOTUNE HF linear power amplifier. It is capable of CONTINUOUS operation at 1500 W peak power output on SSB, RTTY, FM, AM, CW, and other digital modes, with no time limit. 160-80-40-30-20-17-15-12-10 Meters, (does not operate on 60M). Purchased new July 31, 2012. Uses single 3CX1500 (8877). If shipping is required I will remove transformer and ship two (2) cartons. Shipping will probably cost an additional 180 to 200 dollars and will be fully insured. Pickup at my QTH for \$6400 firm. This unit is 10 out of 10.

Want to be a Published Writer?

Do you like building ham radio equipment? Have figured out a way to get an antenna up in a neighborhood with covenants and restrictions? Did you participate in a marathon or bike-a-thon? How about sharing your interests, knowledge, and experience with other hams in the *Exciter*? We need both technical and non-technical articles for the *Exciter*. Short or long, we'll consider just about anything amateur radio-related.

To submit an article, just email your piece to the Editor (editor@rars.org). Please feel free to attach any appropriate pictures or graphics. Be sure to include caption information about the images and identify the people in photographs. And always obtain their permission to use their image.

We look forward to promoting our hobby and sharing information! Break out those pens, pencils, or keyboards and get writing!



RARS Classifieds

Want to add a new radio to your shack? Have an antenna for sale? Browse the RARS classifieds for new and used radio equipment at <http://rars.org/classifieds.php> or see p. 10 of this newsletter for current listings.

RARS members may post notices about equipment they are selling. Posts last for 30 days and are editable at any time.

Using our classifieds is a great way for buyers to search for available items and for sellers to reach a local, targeted audience.